

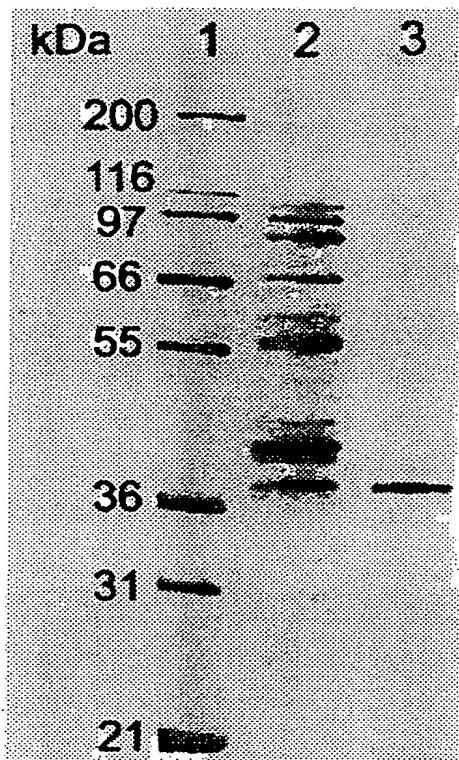
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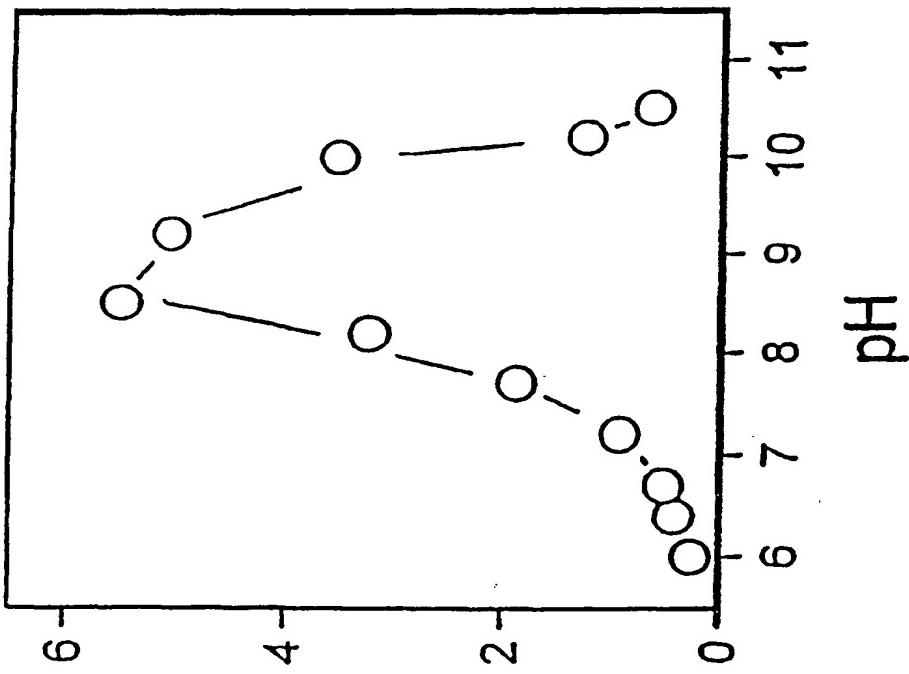
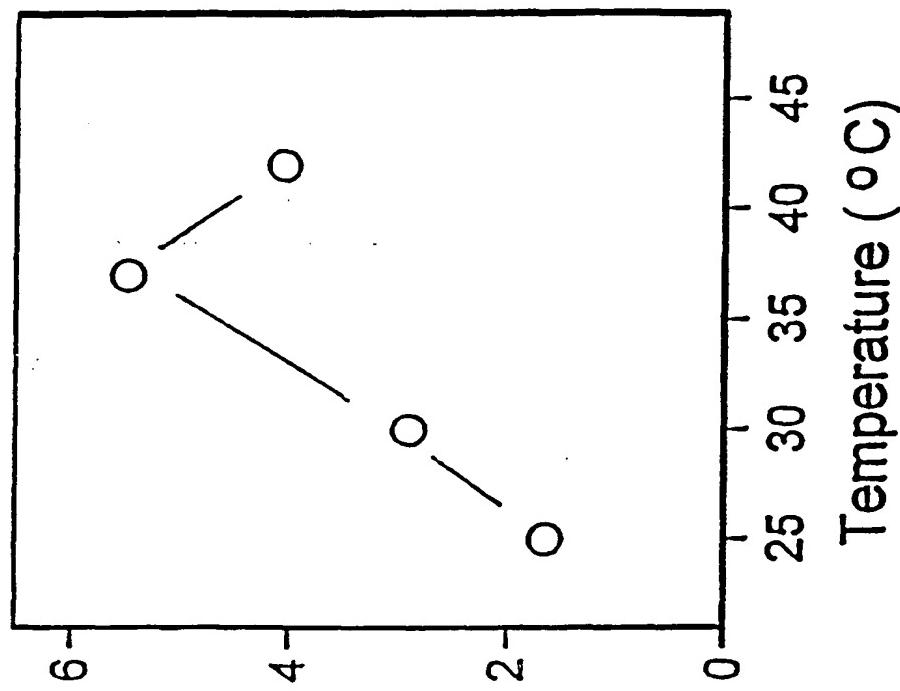
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1/8

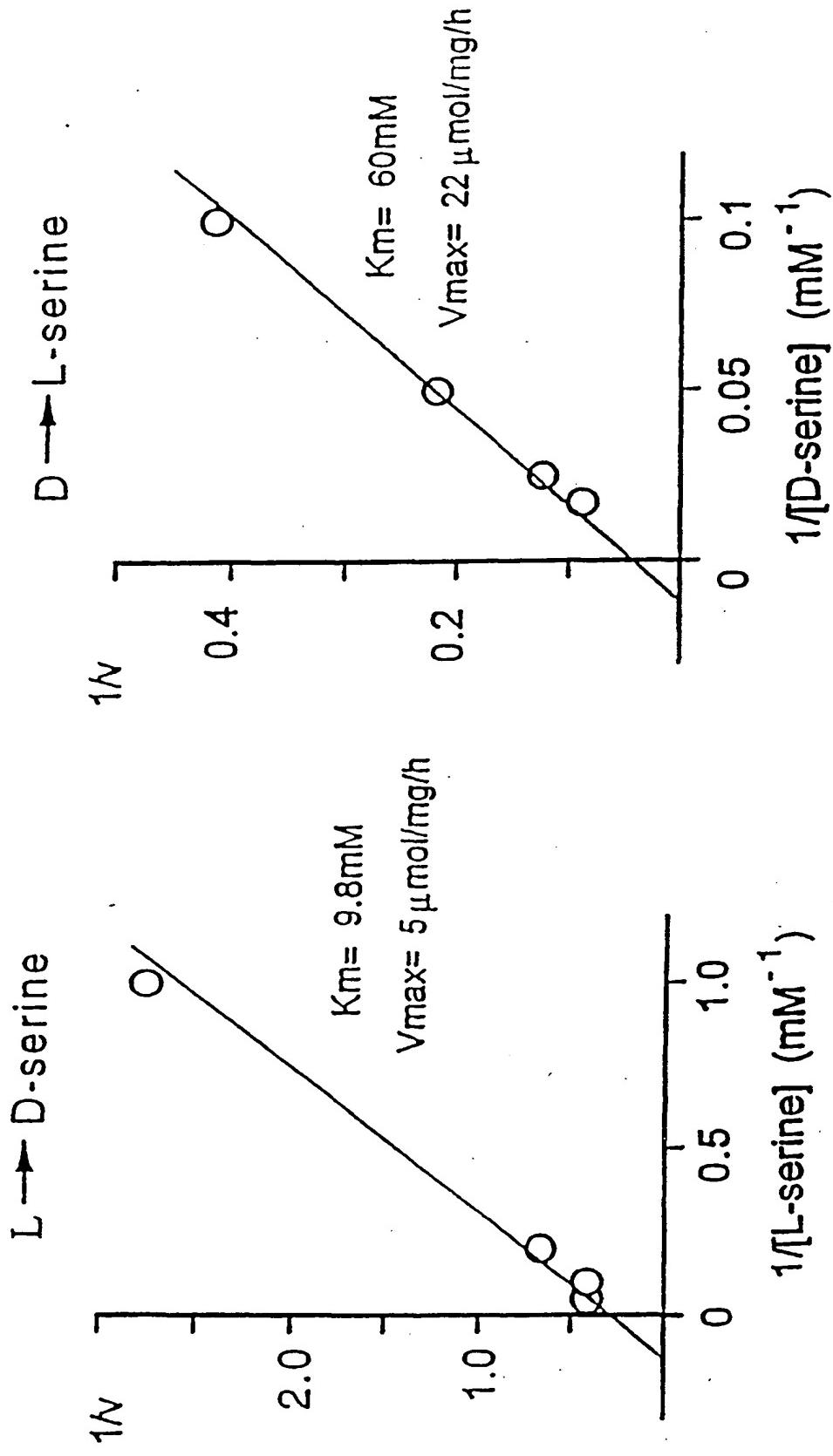
## FIG. I



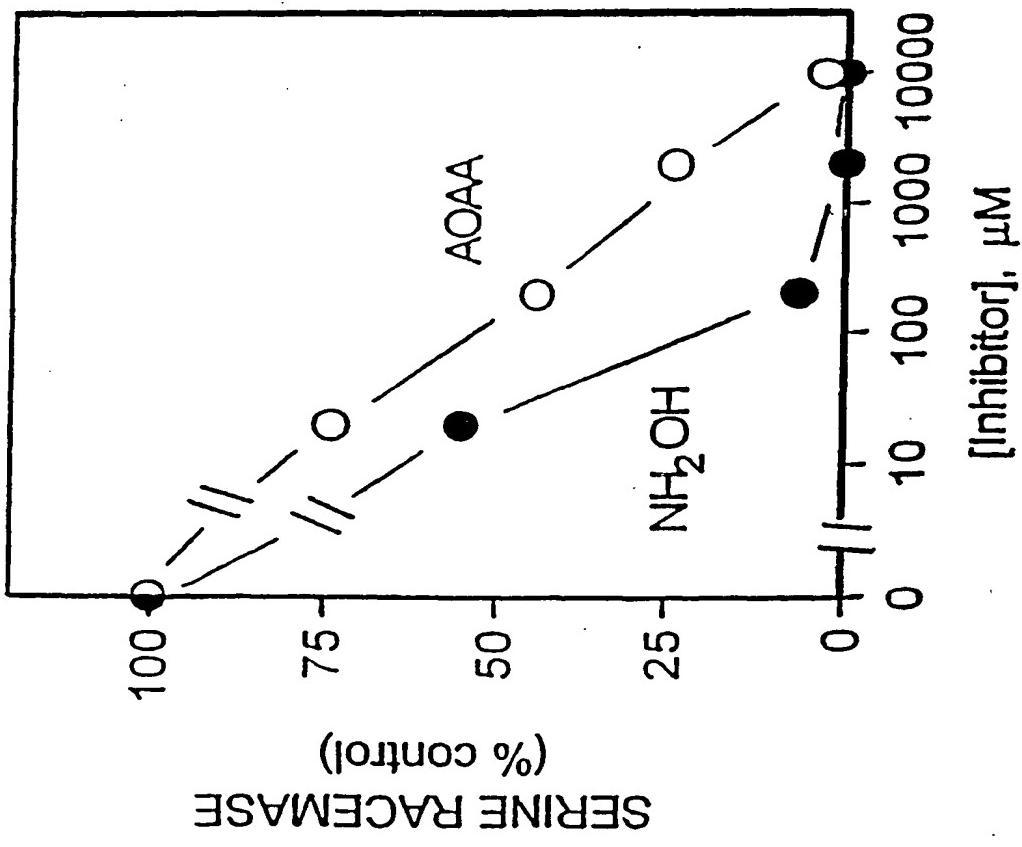
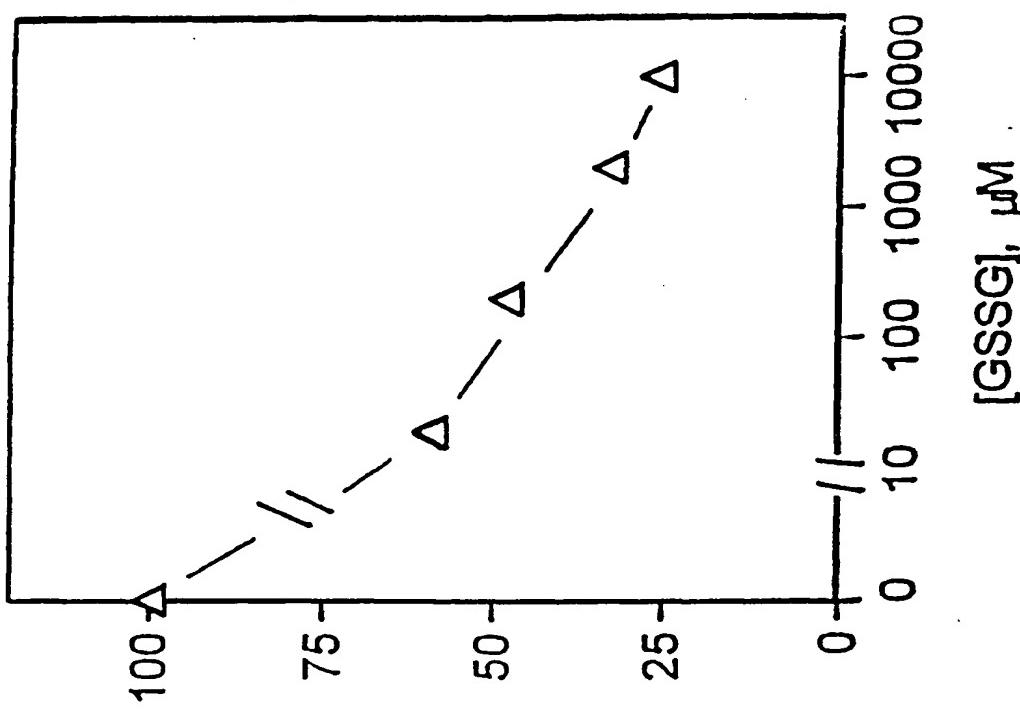
**FIG. 2A****FIG. 2B**

3/8

FIG. 3



4/8

**FIG. 4A****FIG. 4B**

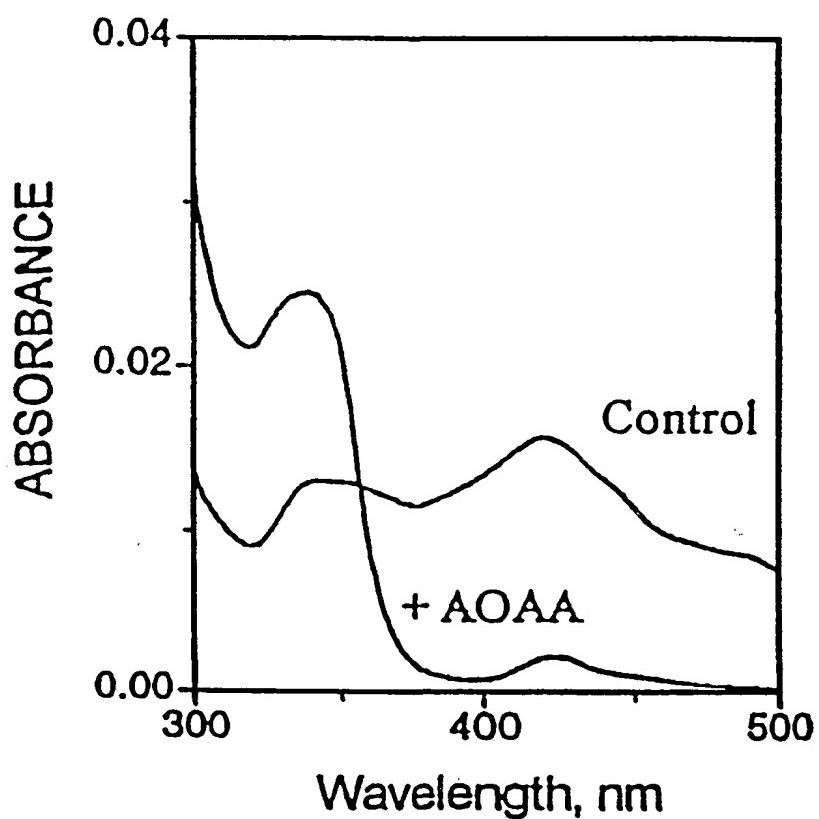
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5/8

**FIG. 5**



6/8

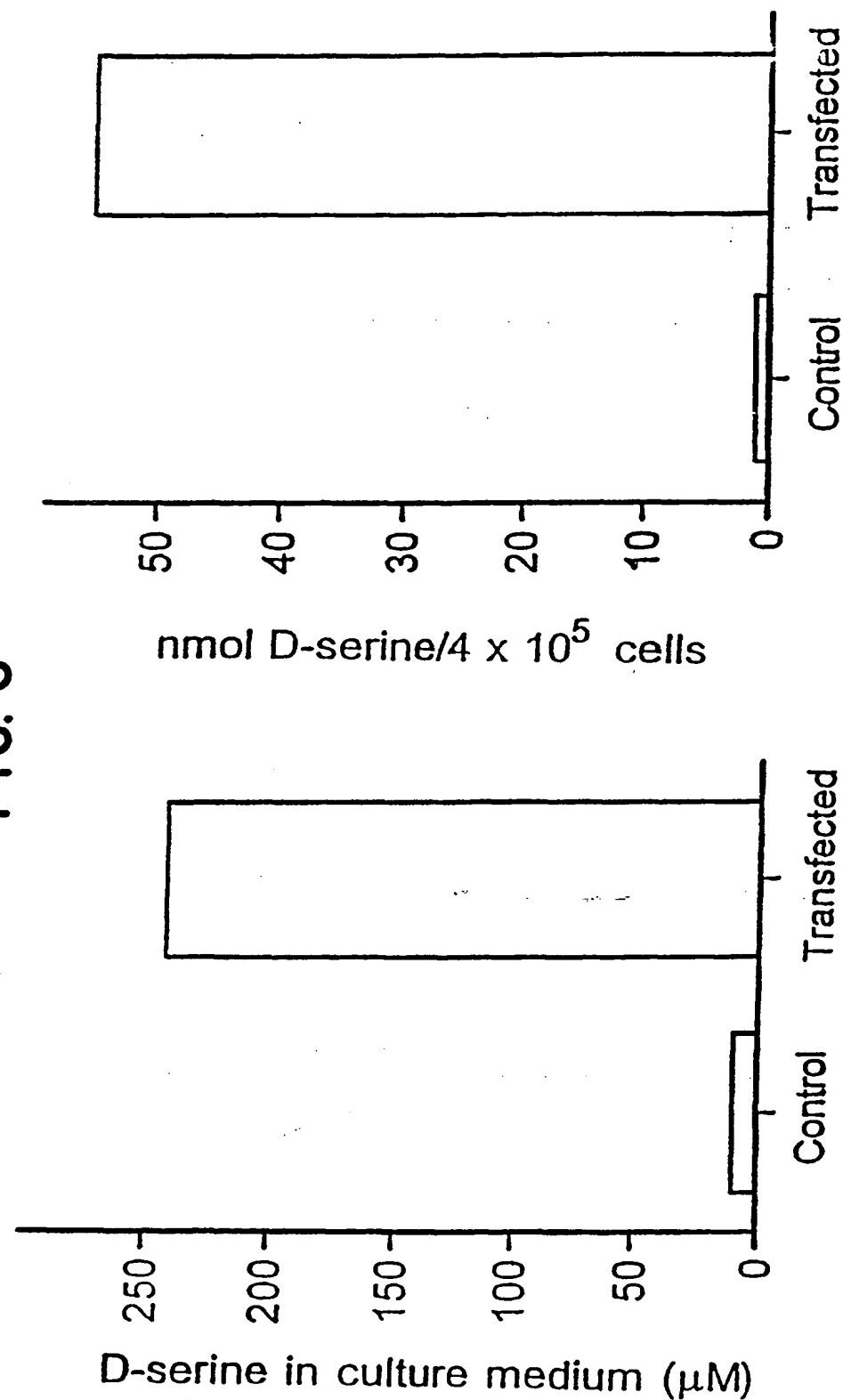


FIG. 6

7/8

**FIG. 7A**

**Mus musculus serine racemase gene, complete cds**

Source: house mouse

Organism : **Mus musculus**

Eukaryota; Metazoa; Chordata; Vertebrata; Mammalia; Eutheria;  
**Rodentia; Sciurognathi; Muridae; Murinae; Mus.**

Strain = "Balb/c"

Dev. Stage = Adult

Tissue type = brain

Gene Starts at 219 and ends 1238

1	GACCTTACAC CCTTTGCCAC	ACTGGTCCAC	GGCCAAGATG	GGCCAATCAA AGTCCTTAC
61	CAGAATTTT TGAACGTAAA	TTGAGAGAGA	ATCCCCTTTC	AGTATGGAAAG CCATAAAATG
121	TAAACACAG GAGCTGTAG	CAGCCATGTG	TCCTGCAGTA	CGGAGCCAGC TGGTCTGCTG
181	TGAGAAGGAA GCCGCCGTGC	CAGAGCAGC	AGAGAACCAT	GTGTGCTCAG TACTGCATCT
241	CCTTGCTGA TGTGAAAAA	GCTCATATCA	ACATTCAAGA	CTCTATCCAC CTCACCCCCAG
301	TGCTAACAG CTCCATTTC	AATCAAATAG	CAGGGCGAA	TCTTTCTTC AAATGTGAGC
361	TCTTCCAGAA AACTGGTCT	TTAAGATT	GAGGTGCCCT	TAATGCCATC AGAGGCTTAA
421	TTCCCTGACAC GCCAGAAGAG	AAGCCAAAG	CCGTAGTTAC	TCACAGCAGC GGAAACCATG
481	GCCAAGCTCT CACCTATGCT	GCTAAACTGG	AAGGAATTCC	TGCTTACATT GTGGTTCCCC
541	AAACAGGCTCC CAACTGCAAG	AAACTGGCAA	TCCAAGGCCTA	TGGAGGCATCG ATAGTATACT
601	GTGACCCAAAG TGACGGAGTCC	AGAGAAAGG	TCACTCAAAG	AATTATGCAA GAAACAGAAG
661	GCATCTTGGT CCATCCCAAC	CAGGAGCCTG	CAGTGATAGC	TCGACAAGGA ACAATTGCC

**FIG. 7B**

721 TCGAAGTGGCT GAAACCAAGGTT CCCTTGGTAG ATGCCACTGGT GGTAACCGATTA GGAGGAGGAG  
 781 GAATGGTTGC TGGAAATTAGCC ATTACAATTAA AGGCCCTGAA ACCTAGTGTG AAGGTATAACG  
 841 CTGCTGAGCC CTCGAATGCA GATGACTGCT ACCAGTCTAA ACTGAAAGGA GAACTGACCC  
 901 CCAATCTCA TCCTTCAGAA ACCATAGGAG ATGGTGTCAA ATCCAGCATT GGCTTGAATA  
 961 CCTGGCCTAT TATAAGGAGC CTTGTGGTAG ATGGTCTTCAC TGTCACCGAA GATGAAATCA  
 1021 AGTATGCAAC CCAGCTGGTG TGGGGAGAA TGAAACTGCT CATTGAGCCG ACTTGCTGGCG  
 1081 TGGCACCTGGC TGCAGTGTG TCTCAGGATT TCCAAACAGT CCTCCAGAA GTMAAGAACG  
 1141 TCTGCATTGT ACTCAAGTGGG GGGAAATGGTAG ACCTAACCTC CCTGAACCTG GTGGGGCAGG  
 1201 CTGAACGGCC AGCTCCTTAC CAGACGGTT CTGTTAAAT TCAGGCAAGA TTGTCTCTAG  
 1261 ATGAAAATT TGTTCCTCATC TTCCCTTAA AAATTATGTT CAAATCCTA ATGAAGAAAG  
 1321 TGTAAAGTAAT CAGTAAATT CTGTACTTAG CAGAGACATG GACAACCTGAA ATACAGAGCA  
 1381 CAAGCTGCCT GGTCAACAACC CAGACTCCAA CACTGGAGTT TTGTTGGTT GCAGTAGAGA  
 1441 CAGAACCAA CTGAGTCTCT TACTCCATGT CTACTTCAGA CACTGGTCAA GAGATGTCAAC  
 1501 TTTTAACCCA AGGTACTGGC TCTGGTACAT ATGGGTACAT AGTCCACTTG GGAATAACTC  
 1561 GCTTATAGAG ATTCAATTAACT ACTGTGTCCT GAGATTTCAG CTTCCCCAT CAAACTGCA  
 1621 CTTTATATGG CCATGGGTAC CTAAAGTTA AACACAGATAA TTGGTCAAAA AT

Translation: = "MCAQYCISFADVEKAHINIQDSIHLTPVLTSSILNQIAGRNLFFKCELFQKTGSFKIR  
 GALNAIRGLIPDTPEEKPKAVTHSSCGNHGQALTYAAKLEGIPAYIVVPQTAPNCCKLAIQAYGASIVYCDP  
 SDESREKVVTQRIMQETEGILVHPNQEPAVIAGQGTIALEVLNQVPLVDALVVPGGGGMVAGIAITIKALKP  
 SVKVVAAEPSNADDCYQSKLKGELTPNLHPPETIADGVKSSIGLNTWPIIRDLVDDVFTVTEDEIKYATQLV  
 WGRMKLLIEPTAGVALAAAVLSQHFQTVSPEVRNVCIIVLSGGNVDLTSNwVGQAERPAVYQTVSV"